

## **Summary**

The Examiner has committed a number of errors in maintaining the rejection of the claims. That is, the prior art does not teach how to produce the claimed nanoparticle and this alone means that the rejection is improper. The Examiner also does not the required and articulated reason to apply the teachings of Li, which relates to an aluminum oxide framework to the rare earth oxide of Bazzi and Baumann, which is completely unrelated to Bazzi, in a modification of Bazzi. It is also error to contend that the coating size of the modified can be matched to that disclosed in Baumann.

Accordingly, the Examiner is requested to examine this application and pass all pending claims onto issuance.

If the Examiner believes that an interview would be helpful in expediting the allowance of this application, the Examiner is requested to telephone the undersigned at 202-835-1753.

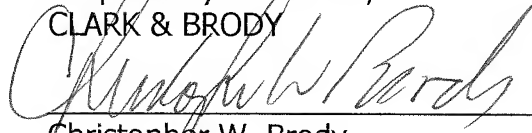
The above constitutes a complete response to all of the outstanding issues raised in the Office Action.

Again, reconsideration and allowance of this application are requested.

Applicants petition for a one month extension of time and payment is made as part of the electronic filing of this paper.

However, any fee deficiency should be charged to Deposit Account No. 50-1088.

Respectfully submitted,  
CLARK & BRODY

A handwritten signature in cursive script, appearing to read "Christopher W. Brody", written over a horizontal line.

Christopher W. Brody  
Registration No. 33,613

**Customer No. 22902**

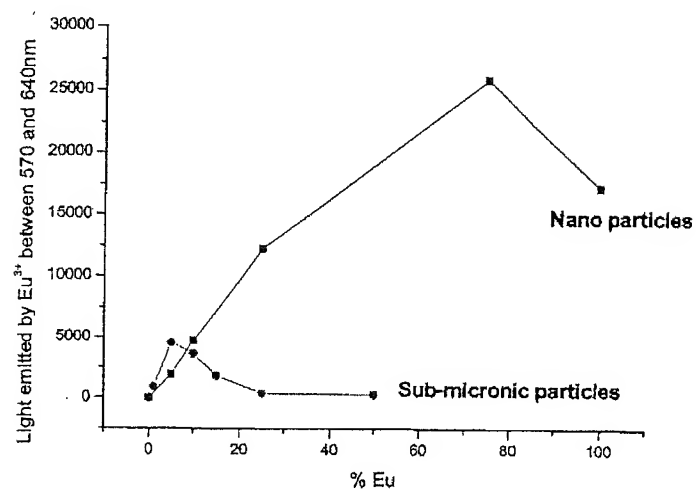
1700 Diagonal Road #510  
Alexandria, VA 22314

Telephone: 202-835-1111  
Facsimile: 703-504-9415

Date: April 29, 2011

ATTACHMENT TO AMENDMENT OF APRIL 28, 2011  
APPLICATION NO. 10/591,465

THIS IS NOT A REPLACEMENT SHEET



Eu emission between 570 à 640nm in Gd<sub>2</sub>O<sub>3</sub> matrix for a same rare-earth concentration [Eu + Gd]=11,5mM. Comparison between a nanometre sized and a sub-micronic sample